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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SAVINGS BLDG.
HELENA, MONTANA

Vol. XI, No. 2 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — FEBRUARY, 1963

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of February, 1963, averaged 86,771 barrels daily, an increase of 2,746 barrels from the average January production of 84,025.

The nine refineries in State processed 81,238 barrels of crude oil daily for the month of February 1963, an increase of 523 barrels from the 80,715 barrels processed daily during the month of January, 1963.

During February, 29 wells were completed, 10 oil, 2 gas wells and 17 dry holes.

During February, the commission issued 23 permits to drill new wells, an increase of 7 from the 16 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF FEBRUARY, 1963

IN STORAGE FEBRUARY 1st:	
By Producers	367,912
By Transporters	845,758
By Refiners	502,519
TOTAL STORAGE	1,716,189
Produced in Montana During Month	2,429,594
Imported During Month	1,363,735
TOTALS	5,509,518
DISPOSITION:	
Refined in Montana	2,274,683
Exported	1,432,374
Used for Fuel or Lost	13,425
TOTAL	3,720,482
IN STORAGE FEBRUARY 28th:	
By Producers	368,864
By Transporters	943,994
By Refiners	476,178
TOTAL STORAGE	1,789,036

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1963

Field	M Cu. Ft.
Bears Den	0
Big Coulee	99,744
Bowdoin	241,157
Bowes	68,003
Box Elder	0
Cabin Creek	75,290
Cedar Creek	540,910
Clarks Fork	0
Cut Bank (including Reagan)	899,160
Devon	0
Dry Creek	167,877
Elk Basin	37,920
Flat Coulee	30,964
Golden Dome	20,851
Grandview	0
Hardin	2,017
Havre	0
Keith Block	290,433
Kevin Sunburst	84,583
Pine	57,754
Plevna	931
Utopia	84,797
Whitlash	277,067
Miscellaneous	14,343
TOTAL	2,993,801

Total Withdrawals for February, 1962 were 3,535,578 M Cu. Ft.

PRODUCERS REPORT—MONTH OF FEBRUARY, 1963

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	587	1,993		2,007		573
4	Bannatyne	8	1,248	751		791		1,208
1	Bascom	1	247	798		784		261
6	Bear's Den	7	1,412	2,994		2,843		1,563
1	Belfry	1	484	530		612		402
1	Benrud	1	377	1,959	1,887			449
1	Benrud East	1	1,011	22,248	22,449			810
8	Big Wall	29	4,139	24,880	25,520	308		3,191
9	Blackfoot	14	3,187	7,106	3,057	4,031		3,205
2	Border	4	201	480		639		42
1	Bowes	70	3,727	14,287	12,643			5,371
2	Brady	5		1,477	1,297			180
2	Bredette North	2	1,489	468				1,957
11	Cabin Creek	116	7,679	276,417	267,338			16,758
12	Cat Creek	87	3,397	12,693	12,196			3,894
1	Clark's Fork North	1	1,912	1,145		1,108		1,949
1	Cupton	1	284	746				1,030
205	Cut Bank	1,070	120,892	139,567	141,299	5,033		114,127
3	Deer Creek	6	1,365	13,071	13,104			1,332
1	Delphia	1	587	762		593		756
	Devil's Basin		1,265					1,265
5	Dry Creek	5	1,480	697	889			1,288
21	Dwyer	22	11,949	66,661	64,084			14,526
8	Elk Basin	59	4,738	274,513	275,527			3,724
2	Fertile Prairie	2	942	2,321	2,405			858
3	Flat Coulee	11	1,366	11,335	10,790			1,911
2	Frannie	2		1,253	1,253			
2	Gage	2	731	563	519		14	761
4	Gas City	26	8,510	62,371	63,564	2,179	237	4,901
6	Glendive	11	2,822	35,746	29,141	7,498		1,929
6	Graben Coulee	15	4,281	8,398	7,728	1,016		3,935
5	Gypsy Basin	5	2,801	2,143	2,784		670	1,490
1	Hibbard	1	298	694		195		797
9	Ivanhoe	18	3,863	27,792	28,335		50	3,270
6	Keg Coulee	13	3,773	27,463	28,449			2,787
145	Kevin Sunburst	774	20,870	42,481	44,182			19,169
2	Little Beaver	24	5,730	23,312	24,094	1,004		3,944
4	Little Beaver East	24	2,671	27,605	26,837			3,439
1	Lone Tree	1	775	4,813		2,227	1,620	1,741
19	Lookout Butte	52	7,363	148,787	142,871	4,499		8,780
	Mackay Dome		770					770
2	Melstone	5	765	5,145	4,870			1,040
6	Monarch	16	4,511	14,062	14,559			4,014
4	Mosser	4		1,168		1,168		
2	Musselshell	2	1,161	1,263		1,235	4	1,185
7	Outlook	11	7,694	33,805	33,628			7,871
3	Outlook South	3	2,223	1,953	2,541			1,635
40	Pennel	68	4,400	147,810	133,765	13,573	187	4,685
4	Pine	142	12,510	344,136	342,733			13,913
75	Pondera	294	8,628	33,967	34,924			7,671
1	Pondera Coulee	1	144	214	214			144
5	Poplar, East	88	14,463	130,081	127,733		10	16,801
4	Poplar, Northwest	4	2,004	2,220	2,886			1,338
6	Ragged Point	18	3,193	13,582	13,413			3,362
3	Reagan	42	3,062	17,643	17,758			2,947
9	Red Creek	21	5,231	30,480	31,225	1,419		3,067
1	Redstone	1	420	903	617			706
1	Repeat	1	103	2,012		1,774		341
3	Richey	5	1,034	7,788	4,074	3,166		1,582
4	Richey, Southwest	5	3,459	9,483		9,798		3,144
4	Sand Creek	5	2,887	6,503	4,938			4,452
7	Sidney-Brorson	7	5,940	6,584	1,325	5,218		5,981
	Snyder		1,945					1,945
6	Soap Creek	10	4,488	4,200		3,658		5,030
1	Spring Lake	1	780	7,543		6,072	401	1,850
6	Stensvad	34	4,988	48,648	45,379		1,428	6,829
31	Sumatra	98	16,388	156,578	159,050			13,916
6	Tule Creek	8	2,877	68,382	68,802			2,457
11	Whitlash	31	4,904	8,729		8,378		5,255
9	Wolf Springs	18	5,024	16,954	18,218			3,760
4	Woodrow	6	658	13,243	13,105			796
1	Wildcat, Sheridan Cnty	1	805	1,195	1,196			804
790		3,446	367,912	2,429,594	2,331,195	92,826	4,621	368,864

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1962	31,647,507	86,705	31,739,123	86,956
January, 1963	2,604,790	84,025	2,585,807	83,413
February, 1963	2,429,594	86,771	2,424,021	86,572

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1962	350,355	917,246	595,843	1,863,444
January, 1963	367,912	845,758	502,519	1,716,189
February, 1963	368,864	943,994	476,178	1,789,036

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF FEBRUARY, 1963

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,007				2,007		
BANNATYNE—Truck			791			791			
BEAR'S DEN—Truck			2,843			2,843			
BELFRY—Truck			612				612		
BIG WALL—McWood Corp.			308			308			
Glacier Pipe Line Co.		25,186		916		26,102			
		25,186	308	916		26,410			
BLACKFOOT—Union Oil Co.		3,057				3,057			
Truck			4,031					4,031	
		3,057	4,031			3,057		4,031	
BORDER—Truck			639					639	
BOWES—Texaco, Inc.		12,643				12,643			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	300,966	916,445		583,935			1,486,407		314,939
Shell Pipe Line Corp.	4,389	249,318			(137)			250,342	3,502
Truck	5,918		43,491			7,376		42,033	
	311,273	1,165,763	43,491	583,935	(137)	7,376	1,486,407	292,375	318,441
CAT CREEK									
Glacier Pipe Line Co.		14,079				14,079			
CLARK'S FORK—Truck			1,108				1,108		
CUT BANK									
Darling Gathering System, Inc.	2,270	6,351						6,718	1,903
Glacier Pipe Line Co.				331,331	3,475	89,872	237,984		
Phillips Petroleum Co.	6,127	47,542		52,264	(226)	54,399		21,898	29,862
Texas Pipe Line Co.	31,738	22,110		23,661	96	19,055		39,696	18,662
Teton Pipeline Corp.	17,110	33,892		59,763	597	7,842		66,871	35,455
Union Oil Co.	48,658	54,617		39,048	1,197	93,324			47,802
Truck			6,049					6,049	
	105,903	164,512	6,049	506,067	5,139	264,492	237,984	141,232	133,684
DELPHIA—Truck			593			593			
DRY CREEK—									
Marathon Pipe Line Co.	6,446	1,084			(258)				7,788
ELK BASIN—Ohio Oil Co.		275,527				275,527			
FRANNIE—Marathon Pipeline Co.		1,253					1,253		
GAGE—Glacier Pipe Line Co.		518				518			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
Texas Pipe Line Co.	8,834	67,360			(151)			68,454	7,891
HIBBARD—Truck			195			195			
IVANHOE—Glacier Pipe Line Co.		28,341					28,341		
KEG COULEE									
Glacier Pipe Line Co.		28,459				28,459			
KEVIN SUNBURST									
Big West Oil Co.	2,604	68,244				67,401			3,447
Homestake Oil & Gas Co.	2,189	2,019		6,718		10,469			457
Texas Pipe Line Co.	11,094	16,437			156	1,226		16,907	9,242
	15,887	86,700		6,718	156	79,096		16,907	13,146
LONE TREE—Truck			2,227				2,227		
MELSTONE—									
Glacier Pipe Line Co.		4,871				4,871			
MOSSER—Truck			1,168				1,168		
MUSSELSHELL—Truck			1,235				1,235		
PONDERA—Phillips Petr. Co.	3,530	38,901	784	18,837	1,562	51,149			9,341
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY & TULE CREEK									
East Poplar Gathering System	33,729	299,667			1,257			301,961#	30,178
Hunt Petroleum Corporation		22,370				17,369	5,001		
	33,729	322,037			1,257	17,369	5,001	301,961	30,178
RAGGED POINT—									
Glacier Pipe Line Co.		13,411				13,411			
RED CREEK—Teton Pipeline Co.		36,729			367			36,362	
Mountain Crude Marketers			1,419	5,995				7,414	
		36,729	1,419	5,995	367			43,776	
SIDNEY-BRORSON—McWood Corp.	6,317		5,218	1,642				9,896	3,281
SOAP CREEK—McWood Corp.	1,562		3,658	1,493		6,311			402
SPRING LAKE—Truck			6,072				6,072		
SUMATRA AND STENSVAD									
Crude Oil Pipe Line, Inc.	15,927	3,618							19,545
Glacier Pipe Line Co.	318,094	200,866		62,477		200,866			380,571
	334,021	204,484		62,477		200,866			400,116
WHITLASH—									
Truck			8,378			8,378			
WOLF SPRINGS									
Crude Oil Pipe Line, Inc.	18,256	9,171				7,701			19,726
Glacier Pipe Line Co.		9,691				9,691			
	18,256	18,862				17,392			19,726
TOTALS	845,758	2,513,777	92,826	1,188,080	7,935	1,035,826	1,773,415	879,271	943,994

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1963

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Ref. Co., Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		26,410								26,410
Blackfoot									2,037	2,037
Bowes			13,264							13,264
Cat Creek		14,079		7,253		4,839				26,171
Cut Bank								68,233	84,526	152,759
Delphia						1,235				1,235
Dry Creek				657						657
Elk Basin		109,167		73,865	92,495					275,527
Gage		518								518
Hibbard						1,055				1,055
Keg Coulee		28,459								28,459
Kevin Sunburst	55,557									55,557
Melstone				4,871						4,871
Pondera								34,927		34,927
Poplar							4,356			4,356
Ragged Point				13,411						13,411
Reagan									243	243
Red Creek					16,087					16,087
Richey, S. W.							7,376			7,376
Soap Creek		6,314								6,314
Sumatra & Stensvad		33,461		72,335	95,070					200,866
Tule Creek							13,013			13,013
Whitlash	8,378									8,378
Wolf Springs				7,701	9,756					17,457
Total Montana Oil	63,935	218,408	13,264	180,093	213,408	7,129	24,745	103,160	86,806	910,948
Canadian Oil Imported		63,720			14,608				2,204	80,532
Wyoming Oil Imported		167,748		300,311	807,059	8,085				1,283,203
Total Montana, Canadian and Wyoming Oil	63,935	449,876	13,264	480,404	1,035,075	15,214	24,745	103,160	89,010	2,274,683

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1962	30,616	728	45,775	77,119
February, 1962	29,249		48,380	77,629
February, 1963	32,533	2,877	45,828	81,238

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1962	39.69%	.96%	59.35%
February, 1962	37.67%		62.33%
February, 1963	40.04%	3.55%	56.41%